GOVERNMENT OF INDIA
SCIENCE AND TECHNOLOGY
LOK SABHA

UNSTARRED QUESTION NO:2576
ANSWERED ON:05.12.2000
GENETIC DISORDERS SYSTEMS
UMMAREDDY VENKATESWARLU

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) whether attention of the Government has been drawn to the news-item appearing in the `The Hindu` dated November 12, 2000 captioned `new diagnostic systems for female disorders commercialised`;

(b) if so, whether the Government have released new technologies for commercialisation;

(c) if so, the details thereof and the disorders to which they would apply;

(d) whether the Government will receive any royalty thereby;

(e) if so, whether the Government have received any royalties or funds or fees for any of the bio-technology researches done during the last five years; and

(f) if so, the details thereof ?

Answer

MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY (SHRI BACHI SINGH RAWAT)

(a)&(b) : The Department of Biotechnology with the assistance of the Biotech Consortium India Limited(BCIL) has entered into ar agreement with M/s Shanta Biotechnics Pvt. Ltd., Hyderabad for upscaling and commercialization of Alfa Feto Protein(AFP) based diagnostic system developed at Indian Institute of Chemical Biology, Calcutta, for detecting certain genetic disorders in pregnant women specially in late pregnancies. Agreements have been signed with biotechnology companies i.e. M/s Zydus Cadila Health Care, Ahmedabad; Bharat Biotech, Hyderabad recently for upscaling and commercialization of lab-scale technologies.

(c): The technologies transferred are: (1) Hepatitis-A diagnostic kit- for the detection of Hepatitis-A infection; (2) AFP diagnostic kit for the detection of genetic disorders in late pregnancies; (3) Diagnostic for reproductive hormones for monitoring ovulation and fertilization related disorders by detecting hormones in urine; (4) Diagnostics for Dengue, Japanese Encephalitis and West Nile for an early detection of dengue and JE.

(d) : The Government does not receive any royalty from the transfer of such technologies as it is provided to the institute and the scientists as per new procedure.

(e) & (f) : The Department of Biotechnology has transferred a number of technologies accruing from R&D support to various institutions and university laboratories. The department received Rs.15.75 lakhs in the earlier period, but in the last two years, the royalty is shared only between the scientists and the institutions.